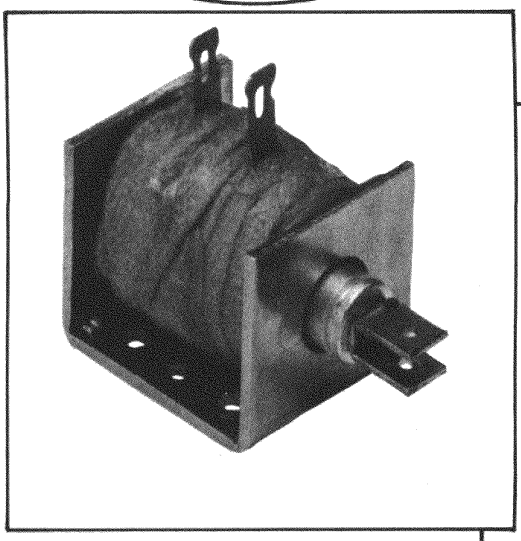
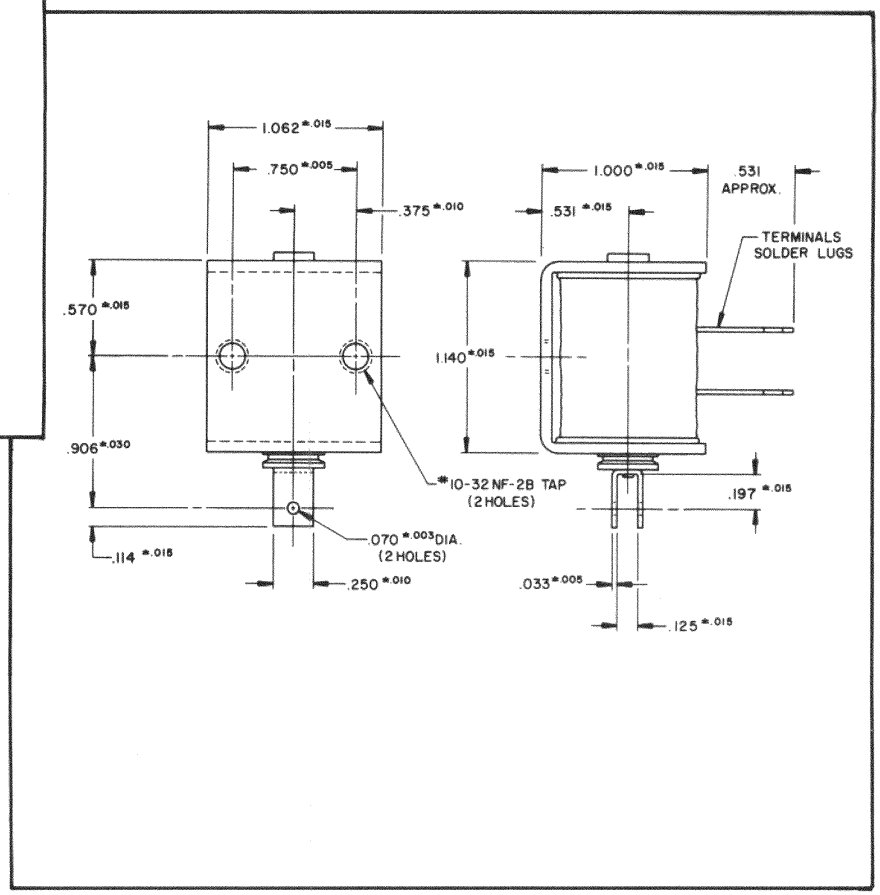
"C" Frame Solenoid

- Input Voltage: AC or DC.
- Duty Cycle: Intermittent or continuous.
- Magnetic latching versions available.
- Pull versions standard, push versions available.

Series: C-15





Standard Voltages:

AC: 240, 120, 24 and 12.

DC: 115, 48, 24, 12 and 6.

AC Frequency:

60HZ standard.

50HZ available on request.

Duty Cycle:

Continuous: at 25˚C ambient temperature.

Intermittent: 20% on time, 80% off time. On time not to exceed 3 min. at 25˚C ambient temperature.

Coil Insulation:

Class "A": 105° C max. temperature.

Materials and Finish:

Coil: Cotton tape varnished.

Bobbin: Nylon.

Frame: C.R. steel zinc dichromate plating.

Plunger: C.R. steel zinc chromate plating.

Biasing Spring:

Wire type spring available.

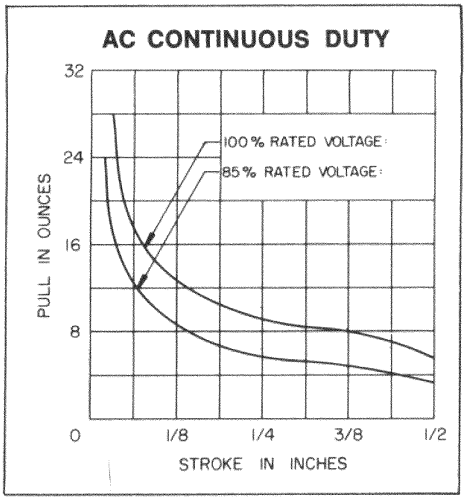
Coil Termination:

Solder lugs Type #14 per drawing stock. Other terminations available.

Average total weight: 2.7 oz.

C-15 SERIES AC SOLENOIDS

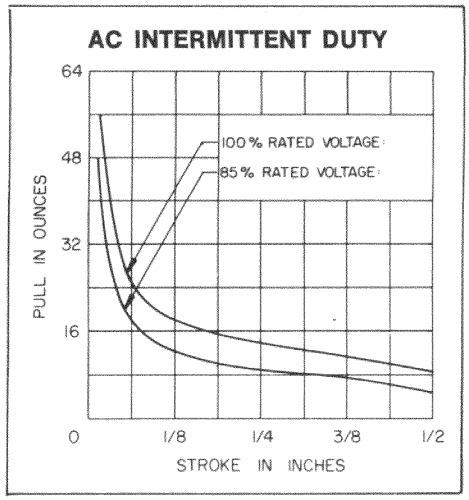
Part No.	C15-19-A-14	C15-20-A-14	C15-21-A-14	C15-22-A-14	C15-519-A-14	C15-520-A-14	C15-521-A-14	C15-522-A-14
Volts—60 HZ	120	240	24	12	120	240	24	12
Duty	Cont.	Cont.	Cont.	Cont.	Int.	Int.	Int.	Int.
Coil Resistance ± 10% (Ohms @ 25°C.)	350	1450	13.5	3.4	220	880	8.8	2.1
Watts Seated ± 10%	8.0	8.1	8.0	8.0	14.0	14.5	14.2	14.0
Amps Seated ± 10%	.12	.06	.51	1.05	.20	.09	1.00	1.80
Amps at ⅛" ± 10%	.23	.12	1.20	2.10	.35	.16	1.80	3.40
Amps at ¼" ± 10%	.27	.14	1.40	2.80	.42	.21	2.20	4.10
Amps at ⅜" ± 10%	.31	.16	1.60	3.00	.48	.24	2.40	4.65
Amps at ½" ± 10%	.32	.17	1.70	3.20	.51	.26	2.60	5.00



Quiet seal pull: 20 oz. at rated voltage.

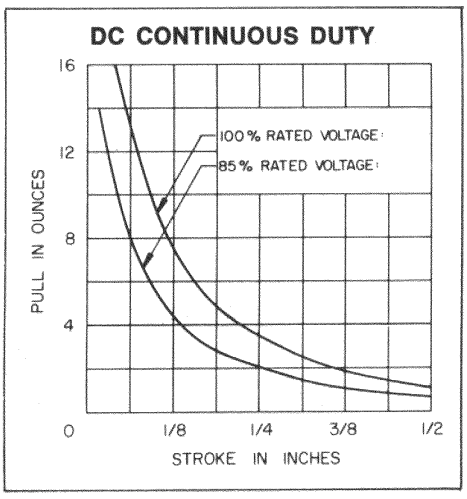
Pull values indicated are without plunger weight. Add or subtract .51 oz. to obtain net pull when operated with or against gravity.

Force data: ±10%.



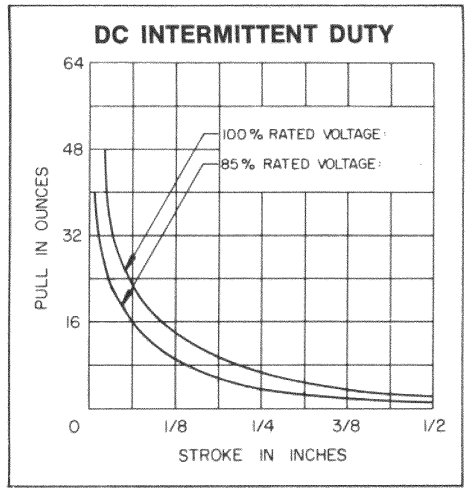
C-15 SERIES DC SOLENOIDS

Part No.	C15-269-A-14	C15-270-A-14	C15-271-A-14	C15-272-A-14	C15-273-A-14	C15-769-A-14	C15-770-A-14	C15-771-A-14	C15-772-A-14	C15-773-A-14
Volts—D.C.	115	48	24	12	6	115	48	24	12	6
Duty	Cont.	Cont.	Cont.	Cont.	Cont.	Int.	Int.	Int.	Int.	Int.
Coil Resistance ± 10% (Ohms @ 25°C.)	1925	363	89.6	22.4	5.56	1230	205	51.5	12.7	3.14
Max. Watts	8.1	7.2	7.2	7.2	7.2	12.7	12.5	12.5	12.6	12.7
Max. Amps.	.07	.15	.30	.60	1.20	.11	.26	.52	1.05	2.12



Pull values indicated are without plunger weight. Add or subtract .51 oz. to obtain net pull when operated with or against gravity.

Force data: ±10%.



PULL VALUES INDICATED ARE AT 100% VOLTAGE AT 25° C. AND WITHOUT PLUNGER WEIGHT.
ADD OR SUBTRACT .6 OZ. TO OBTAIN NET PULL WITH OR AGAINST GRAVITY. FORCE DATA: ±10%

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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